

464.1006 CON4

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: SEUL, Michael

Serial No.: 09/690,040

Filed: October 17, 2000

For: **LIGHT-CONTROLLED ELECTROKINETIC ASSEMBLY OF PARTICLES NEAR SURFACES**

Examiner: P. Do (Group Art Unit 1641)

**PRELIMINARY AMENDMENT**Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS :**

Please cancel claims 1 to 19, without prejudice.

Please add new claims 20 to 40 as follows:

20. (New) An array of beads comprising:  
a substrate; and  
a planar assembly of beads non-randomly arranged in a designated area on said substrate in substantially one layer, wherein said beads have biomolecules attached to their surfaces.

**CERTIFICATE OF FACSIMILE TRANSMISSION**I hereby certify that this Preliminary Amendment is being facsimile transmitted to facsimile no. (703) 308-4242 to the Assistant Commissioner for Patents on the date shown belowBy J. Bowker Date: August 22, 2001  
Julie Bowker**FAX RECEIVED**  
**AUG 22 2001**  
**GROUP 1600****OFFICIAL**